REMARKS

In the Final Office Action mailed December 1, 2006, the drawings were objected to; the specification was objected to; claims 1, 2, 4, 9, 10, 12, 15 and 18 were rejected under 35 U.S.C. 112, first paragraph. The foregoing rejections and objections are respectfully traversed.

None of the claims have been amended herein. Claims 1-18 are currently pending and under consideration.

FIG. 2 has been amended based upon the Examiner's comments at pages 2-6 of the Office Action.

Reconsideration is respectfully requested.

I. OBJECTION TO THE SPECIFICATION:

At page 5 of the Office Action, the Examiner states that AC signal is rectified by diode **IN1** which is supplied to the power switching unit 160 and further by the power rectification unit 120. Therefore, the Examiner asserts that the **PWM-IC does not receive AC power as stated**. The Applicants respectfully disagree with the Examiner. As mentioned at paragraph [0018] and FIG. 3, for example, "while the AC power is being transmitted to the power switching unit 160, the AC power is transformed to DC power...the AC power is rectified by a diode **D1** and smoothed by an electrolytic capacitor C1, thereby turning the AC power into a signal having a specified voltage, which is applied to a transformer T to yield DC power used in electronic machines. Further, paragraph [0024] states that "the AC power connection 100...receives AC power from an AC power supply source 280 via node 1 and **transmits AC power (emphasis added) via the resistor R1 to node 2, which is connected to the power switching unit 160**". That is, the PWM-IC 165 receives AC power via node 2 (see FIG. 3).

Further, at page 5 of the Office Action, the Examiner asserts that in paragraph [0024], AC power is rectified by diode IN1 and not transmitted to resistor R1 or the switching unit 160. The Applicants respectfully submit that the AC power is not rectified at IN1, IN1 is the input terminal whereby AC power is received from the AC power supply source 280 (see paragraph [0023]). It appears throughout the Office Action, that the Examiner is confusing the arrow shown in FIG. 3 where the IN1 input terminal is illustrated with "a diode". Instead, as discussed in paragraph [0024], "the AC power connection 100...receives AC power from an AC power supply source 280 via node 1and transmits AC power via the resistor R1 to node 2..." That is, the AC power is transmitted via the resistor R1 without being rectified in the power rectification unit 120.

As mentioned above, paragraphs [0031], [0033] and [0035] have been amended to further clarify the present invention, in response to the Examiner's comments at pages 5 and 6 of the Office Action.

II. REJECTION OF CLAIMS 1, 2, 4, 9, 10, 12, 15 and 18 UNDER 35 U.S.C. 112:

The Applicants respectfully submit that the comments mentioned above in section I may be applied to the rejection of claims 1, 2, 10 and 18. As mentioned above, paragraphs [0018] and [0023] of the specification provide support for claims 1, 2, 10 and 18, for example.

Claim 4 recites "the power supply control unit is driven by power received from the host". Claim 12 recites features somewhat similar to those recited in claim 4. The Applicants respectfully submit that support for claims 4 and 12 can be found at paragraph [0030] and FIG. 2.

Claim 9 recites "comprising transmitting a signal to stop operation of the PWM-IC when the host has not requested provision of the DC power to the electronic machine within a predetermined period of time". Claim 15 recites features somewhat similar to those recited in claim 9. The Applicants respectfully submit that support for claims 9 and 15 can be found at paragraph [0029] of the specification. Specifically, as discussed in paragraph [0029], if the power supply control unit does not receive data from the computer (i.e., host) within a predetermined period of time or if the state of the computer (i.e., host) changes from an on state to an off state, the power supply control unit senses that the power provision to the electronic machine is to be turned off, and the power supply control unit transmits a signal for turning off the power to the power switching unit.

Based upon the comments mentioned above, withdrawal of the rejections and objections is respectfully requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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By: _____

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